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P.O. BOX 52				24	

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Please find below a communication from the EXAMINER in charge of this application.

Commissioner of Patents

Information Disclosure Statement

- 1. The information disclosure statement filed 5/21/96 has been considered. The patented claims are allowable over the six newly cited references.
- 2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffery A. Brier whose telephone number is (703) 305-4723. The examiner can normally be reached on Mondays through Fridays from 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Saras, can be reached on (703) 305-9720. The fax number is (703) 308-6606.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

November 6, 1998

attached: PTO-1449 paper no. 33.

PALO ALTO, CA 94303-0746

STEVEN J. SARAS SUPERVISORY PATENT EXAMINER GROUP 2700 Form 1449 (Modified)

Information Disclosure Statement By Applicant

Atty Docket No.: IMM1P007A

Serial No.: 08/461,170

Applicant:

Louis B. Rosenberg et al. Filing Date: June 5, 1995

Group: 2415

(Use Several Sheets if Necessary)

U.S. Patent Documents

				TOTAL DE COMMINICATION			
Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
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Foreign Patent or Published Foreign Patent Application

Examiner		Document	Publication			Sub-	Trans	slation
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Other Documents

Examiner	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
JB	R	Batter, James J. et al., "Grope-1: A Computer Display to the Sense of Feel," pp. TA-4-188-TA-4-192.
gB	S	Gotow, J.K., et al., "Perception of Mechanical Properties at the Man-Machine Interface," IEEE 1987, pp. 688-689.
gB	Т	"Proceedings of the IFIP Congress 65," International Federation for Information Processing, Information Processing 1965, Vol. 3, New York, May 24-29, 1965, pp. 506.
Examiner	. //	Date Considered

Examiner: Initial oftation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form 1449 (Modified)

Information Disclosure Statement By Applicant

(Use Several Sheets if Necessary)

Atty Docket No.: IMM1P007A

Applicant: Louis B. Rosenberg et al. Filing Date: June 5, 1995

Serial No.: 08/461,170

Group: 2415

	U.S.	Patent	Documents
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Other Documents

Examiner	7	
Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
g B	R	Atkinston, William D. et al, "Computing with Feeling," Comput. & Graphics, Vol. 2, No. 2-E, pp. 97-103.
JB	S	Noll, A. Michael, "Man-Machine Tactile Communication Dissertation," Polytechnic Institute of Brooklyn, June 1971, pp. 1-88, 89.
gB	T	Ouh-Young, Ming, "Force Display in Molecular Docking," Chapel Hill 1990, pp. 1-85.
Examiner		Date Considered

Examiner: Intial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.